

Name: _____

Summative Rubric

A Day in the Life

	Level 1	Level 2	Level 3	Level 4
Language	Little use of scientific terms	Some use of scientific terms	Appropriate use of scientific terms	Scientific terms used thoughtfully and appropriately
Explanation of Topic	Student indicates a limited understanding of their topic	Student indicates a basic understanding of their topic, with some errors or omissions	Student indicates a clear understanding of their topic	Student indicates an insightful understanding of their topic and includes limitations and constraints
Relates to life	Student makes limited connection to daily life	Student makes basic connection to daily life	Student makes some connection to daily life	Student makes exceptional connection to daily life

Summative Problem Set

	Level 1	Level 2	Level 3	Level 4
Language	Little use of scientific terms	Some use of scientific terms	Appropriate use of scientific terms supported with clear non-scientific language so that a non-scientist would understand solution	Scientific terms used thoughtfully and appropriately with clear non-scientific language so that a non-scientist would understand solution
Explanation of Question	Student indicates a limited understanding of their topic	Student indicates a basic understanding of their topic, with some errors or omissions	Student indicates a clear understanding of their topic	Student indicates an insightful understanding of their topic and includes limitations and constraints
Problem Solving Skills	Student attempts all one step questions that require minimal effort Solutions are mostly correct Solutions are improperly explained and difficult to follow	Student attempts all one step questions that require some effort Solutions are mostly correct with major calculation errors Solutions are somewhat clearly explained and easy to follow	Student attempts some one step questions that require some effort and some two step problems Solutions are mostly correct with minor calculation errors Solutions are clearly explained and easy to follow	Student attempts all two-step questions that demonstrate insightful thinking and critical reasoning Solutions are all correct with very minor calculation errors Solutions are exceptionally clear and easy to follow
Meet Unit Requirements	4 of 8 problems solved demonstrating only half of the units covered	5 problems solved demonstrating limited knowledge of all units covered	6-7 problems solved demonstrating solid understanding of all units covered	All 8 problems solved demonstrating thorough knowledge of all units covered with bonus questions included to demonstrate other key concepts